

Atty. Docket No.
AP30612 A-I (072600.0215)

Serial No.
09/974,548

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
Kaufman et al.

Filing Date
October 10, 2001

Group
3713

RECEIVED
FEB - 15 2002
TC 3700 MAIL ROOM

U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.							Date	Name	Class	Subclass	Filing Date if Appropriate
SL	4	3	6	7	2	1	6	01/04/83	Mutzel et al.			
SL	4	3	9	1	2	8	0	07/05/83	Miller			
SL	4	6	3	0	2	0	3	12/16/86	Szirtes			
SL	4	7	1	0	8	7	6	12/01/87	Cline et al.			
SL	4	7	1	9	5	8	5	01/12/88	Cline et al.			
SL	4	7	2	9	0	9	8	03/01/88	Cline et al.			
SL	4	7	3	7	9	2	1	04/12/88	Goldwasser et al.			
SL	4	7	5	1	6	4	3	06/14/88	Lorensen et al.			
SL	4	7	9	1	5	6	7	12/13/88	Cline et al.			
SL	4	8	2	3	1	2	9	04/18/89	Nelson			
SL	4	8	3	1	5	2	8	05/16/89	Crawford et al.			
SL	4	8	7	4	3	6	2	10/17/89	Wiest et al.			
SL	4	8	7	9	6	6	8	11/07/89	Cline et al.			
SL	4	9	8	4	1	5	7	01/08/91	Cline et al.			
SL	4	9	8	5	8	3	4	01/15/91	Cline et al.			
SL	4	9	8	5	8	5	6	01/15/91	Kaufman			
SL	4	9	8	7	5	5	4	01/22/91	Kaufman			
SL	4	9	9	3	4	1	5	02/19/91	Long			
SL	5	0	0	6	1	0	9	04/09/91	Douglas et al.			
SL	5	0	2	3	0	7	2	06/11/91	Cheng			
SL	5	0	3	8	3	0	2	08/06/91	Kaufman			
SL	5	0	4	7	7	7	2	09/10/91	Ribner			
	5	0	5	6	0	2	0	10/08/91	Feldman et al.			

NY02:359908.1

Examiner

[Signature]

Date Considered

09/05/03

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Atty. Docket No.
AP30612 A-I (072600.0215)

Serial No.
09/974,548

Applicant
Kaufman et al.

Filing Date
October 10, 2001

Group
3713

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

RECEIVED
FEB -6 2002
10 2700 MAIL ROOM

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
Sh	5 0 9 5 5 2 1	03/10/92	Trousset et al.			
Sh	5 1 0 1 4 7 5	03/31/92	Kaufman			
Sh	5 1 2 7 0 3 7	06/30/92	Bynum			
Sh	5 1 6 6 8 7 6	11/24/92	Cline et al.			
Sh	5 1 7 0 3 4 7	12/08/92	Tuy et al.			
Sh	5 1 8 7 6 5 8	02/16/93	Cline et al.			
Sh	5 2 0 4 6 2 5	04/20/93	Cline et al.			
Sh	5 2 2 9 9 3 5	07/20/93	Yamagishi et al.			
Sh	5 2 4 5 5 3 8	09/14/93	Lis			
Sh	5 2 6 1 4 0 4	11/16/93	Mick et al.			
Sh	5 2 6 5 0 1 2	11/23/93	Amans et al.			
Sh	5 2 7 0 9 2 6	12/14/93	Tam			
Sh	5 2 8 3 8 3 7	02/01/94	Wood			
Sh	5 2 9 5 4 8 8	03/22/94	Lloyd et al.			
Sh	5 2 9 9 2 8 8	03/29/94	Glassman et al.			
Sh	5 3 2 2 0 7 0	06/21/94	Goodman et al.			
Sh	5 3 4 5 4 9 0	09/06/94	Finnigan et al.			
Sh	5 3 6 1 7 6 3	11/08/94	Kao et al.			
Sh	5 3 6 5 9 2 7	11/22/94	Roemer et al.			
Sh	5 3 7 1 7 7 8	12/06/94	Yanof et al.			
Sh	5 4 4 2 7 3 3	08/15/95	Kaufman et al.			
Sh	5 4 5 8 1 1 1	10/17/95	Coin			
Sh	5 6 1 1 0 2 5	03/11/97	Lorensen et al.			
	5 6 2 3 5 8 6	04/22/97	Höhne			

NY02:359908.1

Examiner

[Signature]

Date Considered

10/5/01

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Atty. Docket No.
AP30612 A-I (072600.0215)

Serial No.
09/974,548

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

Applicant
Kaufman et al.

Filing Date
October 10, 2001

Group
3713

RECEIVED
FEB - 6
10:00 AM 2001

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
SV	5 6 3 0 0 3 4	05/13/97	Oikawa et al.			
SV	5 6 9 9 7 9 9	12/23/97	Xu et al.			
SV	5 7 3 4 3 8 4	03/31/98	Yanof et al.			
SV	5 7 8 2 7 6 2	07/21/98	Vining			
SV	5 9 7 1 7 6 7	10/26/99	Kaufman			
SV	5 9 8 6 6 6 2	11/16/99	Argiro et al.			
SV	6 1 3 0 6 7 1	10/10/00	Argiro			
SV	6 2 1 9 0 5 9	04/17/01	Argiro			
SV	6 2 7 2 3 6 6	08/07/01	Vining			

FOREIGN PATENT DOCUMENTS

Document No.	Date	Country	Class	Subclass	Translation No
SV 9 6 1 3 2 0 7	05/09/96	WIPO			
SV 9 8 1 1 5 2 4	03/19/98	WIPO			
SV 9 8 3 7 5 1 7	08/27/98	WIPO			
SV 0 0 5 5 8 1 2	09/21/00	WIPO			
SV 0 0 5 5 8 1 4		WIPO			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

	Hong et al., "3D Virtual Colonoscopy," 1995 Biomedical Visualization Proceedings, pp. 26-32 and 83 (1995).
	Hong et al., "3D Reconstruction and Visualization of the Inner Surface of the Colon from Spiral CT Data," IEEE, pp. 1506-1510 (1997).
	William E. Lorensen, "The Exploration of Cross-Sectional Data with a Virtual Endoscope," Interactive Technology and the New Health Paradigm, IOS Press, pp. 221-230 (1995).

NY02:359908.1

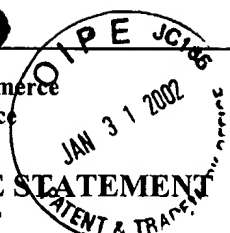
Examiner

SV

Date Considered

09/05/03

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



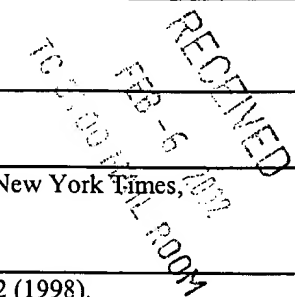
Atty. Docket No.
AP30612 A-I (072600.0215)

Serial No.
09/974,548

Applicant
Kaufman et al.

Filing Date
October 10, 2001

Group
3713



**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**
(Use several sheets if necessary)

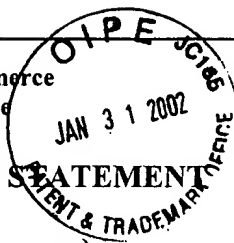
		Adam L. Penenberg, "From Stony Brook, a New Way to Examine Colons, Externally," The New York Times, p. 6 (1996).
		David J. Vining, "Virtual Colonoscopy," Advance for Administrators in Radiology, pp. 50-52 (1998).
		Zhou et al., "Three-Dimensional Skeleton and Centerline Generation Based on an Approximate Minimum Distance Field," The Visual Computer, 14:303-314 (1998)
	*	Liang Z et al., "Inclusion of a priori information in segmentation of colon lumen for 3D virtual colonoscopy", 1997 IEEE Nuclear Science Symposium Conference Record, pp.1423-1427, vol. 2
		Valev et al., "Techniques of CT colongraphy (virtual colonoscopy)", Critical Reviews in Biomedical Engineering, 1999, Begall House, vol. 27, no. 1-2, pp.1-25.
		Shibolet O et al., "Coloring voxel-based objects for virtual endoscopy", IEEE Symposium on Volume Visualization, Research Triangle, Oct. 1998
		Kaufman A., Wan M., "Disobstruction of Colon Wall Collapse", Project Description, online www.cs.sunysb.edu, January 1999.
		Holzapfel G A, et al., "Large strain analysis of soft biological membranes: formulation and finite element analysis", Computer Methods in Applied Mechanics and Engineering, vol. 132, no. 1-2, pp.45-61, 1996.
		Kaye J. et al., "A 3D virtual environment for modeling mechanical cardiopulmonary interactings", CVRMED-MRCA '97, pp.389-398, 1997.
		Burgard W. et al., "Active mobile robot localization by entropy minimization", Proceedings second euromicro workshop on advanced mobile robots, pp.155-162, 1997.
		Suya You et al., "Interactive volume rendering for virtual colonoscopy", Proceedings Visualization '97, pp.433-436, 571.
		Pai D.K. et al., "Multiresolution Rough Terrain Motion Planning", IEEE Transactions on Robotics and Automatic, vol 14, no. 1, pp. 19-33, 1998.

NY02:359908.1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Atty. Docket No.
AP30612 A-I (072600.0215)

Serial No.
09/974,548

INFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(Use several sheets if necessary)

Applicant
Kaufman et al.

Filing Date
October 10, 2001

Group
3713

RECEIVED
FEB 1 2002
MAIL ROOM

Hagen H. et al., "Methods for Surface Interrogation", Proceedings of the Conference on Visulatzation, vol. CONF-1, pp.187-193, 1990

Chen et al., "A tree-branch searching, multiresolution approach to skeletonization for virtual endoscopy"

Liang Z. et al., "Feasibility Studies on Extracting Bladder Wall from MR Images for Virtual Cystoscopy",

Chen et al., "Virtual Laryngoscopy: Feasibility Studies by CT and MRI", IEEE Medical Imaging Conference, November 1999

Chen et al., "A multi-scan MRI-based virtual cystoscopy.

Chen et al., "MRI-Based Virtual Cystoscopy: The image segmentation and visualization", SPIE Conference, February 12-18, 2000.

Chen et al., "A Fast Algorithm to Generate Centerline for Virtual Colonoscopy", SPIE Conference, February 12-18, 2000.

Richard Robb, "Virtual (Computed) Endoscopy: Development and Evaluation Using the Visible Human Datasets", October 7-8, 1996. www.mayo.edu

NY02:359908.1

Examiner

Date Considered

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.